

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Fleckenstein et al
Serial No. : To Be Assigned
(Continuation of 09/112,904 filed July 9, 1998)
For : HUMAN SEMAPHORIN L (H-SEMA) AND CORRESPONDING
SEMAPHORINS IN OTHER SPECIES
Filed : Herewith
Examiner : Mary K. Zeman
Art Unit : 1631

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The Examiner's attention is invited to the following documents which are set forth in the accompanying form PTO-1449, enclosed in duplicate. These documents were forwarded to or cited by the Examiner in the predecessor application and a copy of each of these documents should be in the predecessor application file. Accordingly, no additional copies are being forwarded with this Information Disclosure Statement, except for those references

requested by the Examiner on October 17, 2000. Copies of these references were forwarded to the PTO with the Information Disclosure Statement filed on April 21, 2000 in the parent application but were misplaced by the PTO. (These references are marked with an asterisk below.)

U.S. AND FOREIGN PATENTS

1. US Patent No. 5,935,865, issued August 10, 1999 to Goodman et al.;
2. US Patent No. 5,807,826, issued September 15, 1998 to Goodman et al.;
3. US Patent No. 5,639,856, issued June 17, 1997 to Goodman et al.;
4. US Patent No. 5,416,197, issued May 16, 1995 to Raper et al.;
5. *WO 99/58676 published November 18, 1999;
6. *WO 99/38885 published August 5, 1999;
7. *WO 99/45114 published September 10, 1999;
8. WO 95/07706 published March 23, 1995.

OTHER PRIOR ART

1. Applied Cytogenetics 21 (6), 1995 entitled "Direct Preparation of Uncultured EDTA-Treated or Heparinized Blood for Interphase FISH Analysis", by Liehr et al., p. 185-188;
2. Adams et al. (1996) Mech. Dev. 57: 33-45;
3. Altschul et al. (1990) J. Mol. Biol. 215, 403-410;
4. Comeau et al. (1998) Immunity, Vol. 8, 473-482.
5. *Ensser et al. (1997) J. of Virol. 71:6517-6525;
6. Ensser and Flechenstein (1995), J. General Virol. 76: 1063-1067.
7. Feinberg (1983) Anal. Biochem. 132: 6-13.
8. Furuyama et al. (1996) J. Biol. Chem. 271: 33376-33381.
9. Galtier et al. (1996) Comput. Appl. Biosci 12, 543-548.
10. Giger et al. (1996) J. Comp. Neurol. 375: 378-392.

11. Gish and States (1993) *Nat. Genet.* 3, 266-272.
12. Goshima et al. (1995) *Nature* 376: 509-514.
13. Hall et al. (1996) *Proc. Natl. Acad. Sci. USA* 93: 11780-11785.
14. Hamajima et al. (1996) *Gene* 180: 157-163.
15. Ingaki et al. (1995) *FEBS Letters* 370: 269-272.
16. Keyna et al. (1995) *J. Immunol.* 155, 5536-5542.
17. Kolodkin et al. (1993) *Cell* 75: 1389-1399.
18. Kraus et al. (1994) *Genomics* 23, 272-274.
19. Luo et al. (1995) *Neuron* 14: 1131-1140.
20. Messerschmidt et al. (1995) *Neuron* 14: 949-959.
21. Neilsen H. et al. (1997) *Protein Engineering* 10: 1-6.
22. Pearson and Lipman (1988) *Proc. Natl. Acad. Sci.* 85, 2444-2448.
23. Puschel et al. (1995) *Neuron* 14: 941-948.
24. Roche et al. (1996) *Onkogene* 12: 1289-1297;
25. Sekido et al. (1996) *Proc. Natl. Acad. Sci. USA* 93: 4120-4125;
26. Thompson J.D. et al. (1994) *Nucleic Acids Res.* 22: 4673-4680;
27. Wang et al. (1996) *Neurosci.* 16: 6197-6207;
28. Xiang et al. (1996) *Genomics* 32: 39-48;
29. *The Journal of Biological Chemistry* 273 (1988) by Xu et al, pp. 22428-22434;
30. *Database EMBL Online Accession No. AF 176670, September 7, 1999, XP002125535;
31. *Database EMBL Online Accession No. AB017532, March 15, 1999, XP002125536;
32. *Database EMBL Online Accession No. A260340, March 19, 1997, XP002125534;
33. *Database EMBL Online Accession No. H03806, June 22, 1995, XP002125533;
34. *Xu et al. (1998) *J. Biological Chemistry*, Vol. 273, No. 35, pp. 22428-22434;

35. *Essner et al. (1995) J. of General Virology, 76, pp. 1063-1067, XP002113888;
36. *Lange et al. (1998) Genomics 51, pp. 340-350, XP00213887;
37. *Yamada et al. (1999) J. of Immunology, 162, pp. 4094-4100, XP002123609.

Applicants also respectfully invite the Examiner's attention to any other reference cited during the prosecution of the parent application. These references are hereby incorporated into this Information Disclosure Statement.

This Information Disclosure Statement is not a representation that the documents cited herein are considered most pertinent, or that a search has been undertaken, or that any of the cited documents are indeed prior art. The Examiner is invited to undertake an independent search.

Applicants have also enclosed a copy Form PTO 1449 (in duplicate) which is also considered part of this Information Disclosure Statement.

Applicants respectfully request that the Examiner consider and make of record the document cited herein and that a copy of Form PTO-1449, initialed by the Examiner, be returned to the Applicant's attorneys.

It is believed that no fees are required by the instant submission as it is prior to receipt of the first Office Action in this application. However, if any fees are required, or if any overpayment has been made, please charge such fee, or credit any overpayment, to Deposit Account 50-0320.

Respectfully submitted,

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